

CASSETTE RECEIVER

KRC-777R/R Y/877R/R Y /877W/W Y/977R/R Y /PS1077R/R Y SERVICE MANUAL

KENWOOD

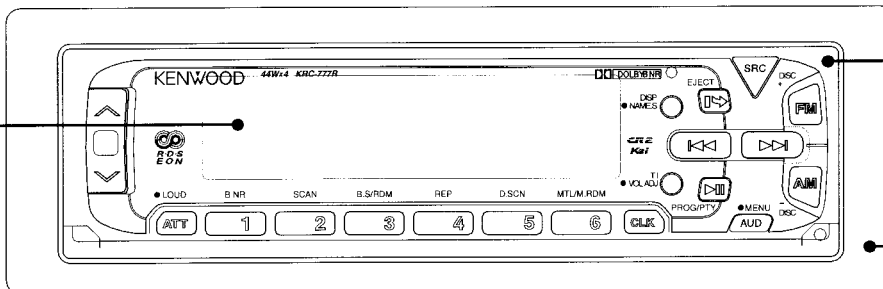
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B51-7450-00 (K) 1787

● This service manual does not include information on the cassette mechanism assembly (exploded view, parts list, schematic diagram or mechanism description).

For such information, refer to the cassette mechanism assembly service manual(D40-1122-05: B51-7452-00).

KRC-777R

Front glass
(B10-2971-01)

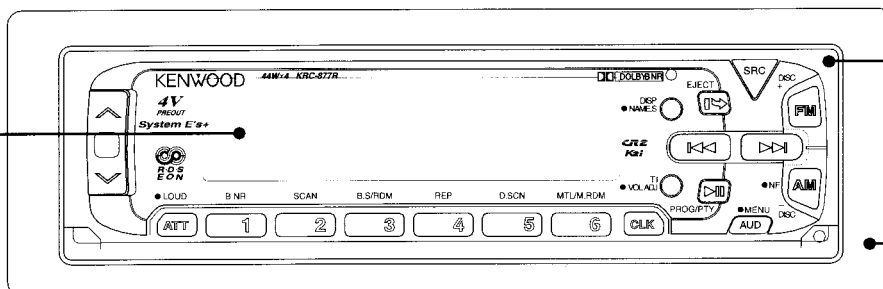


Panel assy
(A64-1573-12)

Escutcheon
(B07-2139-03)

KRC-877R

Front glass
(B10-2968-01)

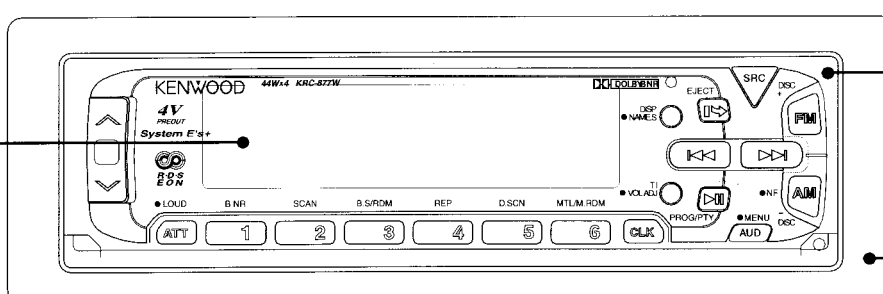


Panel assy
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Escutcheon
(B07-2139-03)

KRC-877W

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(B10-2973-01)

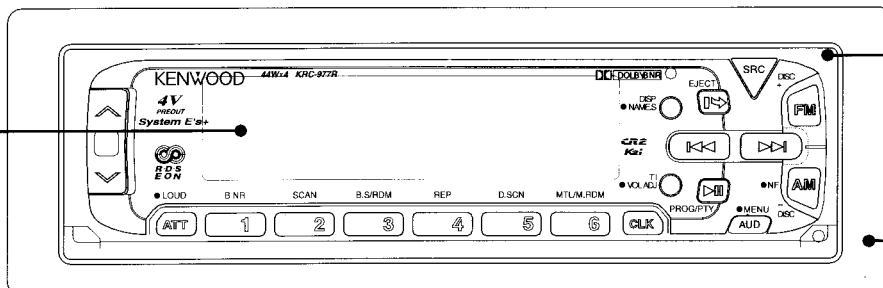


Panel assy
(A64-1560-12)

Escutcheon
(B07-2140-03)

KRC-977R

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(B10-2966-01)

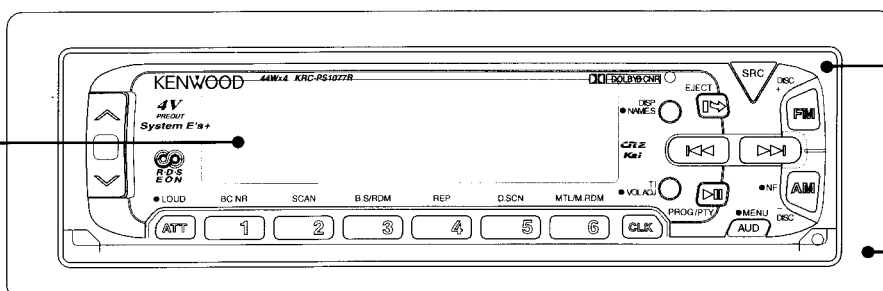


Panel assy
(A64-1558-12)

Escutcheon
(B07-2139-03)

KRC-PS1077R

Front glass
(B10-2965-01)



Panel assy
(A64-1562-12)

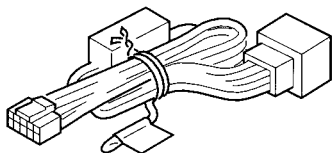
Escutcheon
(B07-2139-03)

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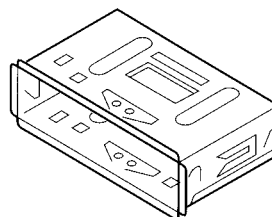
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ACCESSORIES



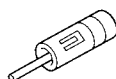
DC cord
(E30-4696-05)



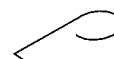
Mounting hardware assy
(J21-9367-03)



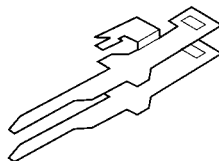
Remote controller assy
(A70-0886-05)



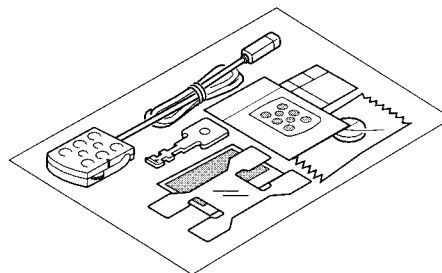
ANT adaptor
(T90-0523-05)



Spring
(G01-2924-04)



Lever
(D10-4302-04)
(D10-4301-04)



Remote controller assy
(A70-0874-05)
KRC-877R/R, KRC-877W/WY
KRC-977R/R, KRC-PS1077R/R

COMPONENT DESCRIPTION

Synthesizer unit (X14-592x-xx, 6042-7x)

Component	Purpose, Function	Operation, Condition, Compatibility
IC1	uCOM system control	
IC2	E-Vol, NC, MPX	
IC3	Variable 3-pin regulated voltage supply	
IC4	Power IC	
IC5	IC for System E's	
IC6	DC/DC converter	
IC7	4 V pre-out audio amp	
IC8	4 V pre-out audio amp	
IC9	4 V pre-out audio amp	
IC10	Muting logic circuit	
IC11	RDS demodulator	
IC12	Noise amp	
IC13	C and mask mechanism motor driver	
IC14	E2PROM	
IC15	Reset IC	
IC16	Spectrum analyzer audio amp	
IC17	Spectrum analyzer BFP	
IC18	Spectrum analyzer data SW	
Q1,2,3,4	Pre-out muting	Muting is ON when base is "H".
Q5,6	Non-fader pre-out muting	Muting is ON when base is "H".
Q11	CH2 control SW	CH2 is ON when base is "L" (when CHCON2 is "L").
Q18,19	A 8 V SW	Switched ON when base of Q18 is "H".
Q20	A 8 V AVR	8 V is output when the A 8 V switch turns ON.
Q21,22	B-U 5 V AVR	5 V output.
Q23	SW 5 V SW	5 V is output when base is "L".
Q24	Back-up detection	Absence of back-up voltage is detected when base is "L".
Q25	Acc detection	Absence of Acc is detected when base is "L".
Q26,27	Antenna control	ON when base of Q27 is "H".
Q28,30,31	P-CON SW	Switched ON when base of Q31 is "H".
Q29	P-CON protection circuit	Activated when P-CON output is grounded.
Q32	Dimmer SW	Dimmer is ON when base is "H".
Q33	Illum AVR	Illumination power output.
Q35,36	14 V SW	Outputs 3W, 14 V when base of Q35 is "H".
Q37,38	Motor driver AVR	Motor driver power output.
Q39	EX amp SW	EXT AMP CONT goes "H" level when base is "L".
Q40,44	Illum AVR SW	Switched ON when base of Q40 is "H".
Q41,42	C mechanism main motor power SW	Switched ON when base of Q41 is "H".
Q43	Sub-motor voltage SW	Cassette mechanism is selected when base of Q43 is "H" and Mask mechanism is selected when it is "L".
Q51	SVR discharge circuit	ON (discharge) when base goes "H" due to momentary power down.
Q55,56	DC-DC converter AVR	DC-DC converter power output.
Q57~62	+/- differential stabilizer circuit	
Q71	Pre-out muting SW	Muting is ON when base is "L".
Q72	IC2 muting SW	Muting is ON when base is "H".
Q82	Forced Wide SW	Forced Wide is set when base is "H".
Q87,89	FM +B SW	Switched ON when base of Q87 is "H".
Q86,88	AM +B SW	Switched ON when base of Q86 is "H".
Q91	Noise detection buffer	
Q92,93	Noise detection output time constant SW	Time constant provided when u-COM AFC pin is "H" and not provided when it is "L".
Q94	Spectrum analyzer AGC	

COMPONENT DESCRIPTION

Switch unit (X13-940x-xx)

Component	Purpose, Function	Operation, Condition, Compatibility
IC1	LCD driver, key scan	
IC2	LCD driver	
IC3	Remote control reception	
Q1	Key scanning start	
Q2,Q5	IC3 ON/OFF	
Q3	LED (green) ON/OFF	
Q4	LED (amber) ON/OFF	
Q6	LED (dimmer) ON/OFF	
Q7	LED (catch illumination) ON/OFF	
Q8	VCD regulated voltage supply	

MICROCOMPUTER'S TERMINAL DESCRIPTION

uPD784215GC075 (076) (IC1: X14-592x-11, 6042-7x)

Pin No.	Pin Name	I/O	Signal Name	Purpose	Operation Description
1	P120/RTP0	O	HCON1	Changer 1 control terminal.	Active: Hi.
2	P121/RTP1	I	CH_MUTE	Muting input to changer.	Muting request: Hi.
3	P122/RTP2	O	REQH	Handshake request to changer.	Active: Lo.
4	P123/RTP3	I	DIMMER	Small detection.	Active: Lo.
5	P124/RTP4	O	MOTOR	Cassette mechanism main motor output.	Active; Hi.
6	P125/RTP5	I/O	O_CS	Open date chip select.	
7	P126/RTP6	I/O	O_CLK	Open clock line.	
8	P127/RTP7	I/O	O_DATA	Open data line.	
9	Vdd	-	-	Positive power supply.	
10	X2	-	-	Main clock connection.	
11	X1	-	-	Main clock connection.	
12	Vss	-	-	GND terminal.	
13	XT2	-	-	Sub-clock connection.	
14	XT1	-	-	Sub-clock connection.	
15	RESET	I	-	Reset input.	Active: Lo.
16	P00/INTP0	O	CH_RST	Reset output to changer.	Active: Hi.
17	P01/INTP1	I	R_CLK	RDS clock input.	
18	P02/INTP2/NMI	I	REQC	Handshake request from changer.	Active: Lo.
19	P03/INTP3	O	SUB_MOTOR3	Sub-motor output.	
20	P04/INTP4	O	SUB_MOTOR2	Sub-motor output.	
21	P05/INTP5	O	SUB_MOTOR1	Sub-motor output.	
22	P06/INTP6	O	CAS/SRM	Cassette mechanism/SRM mechanism voltage switching.	C mechanism: Lo/SRM mechanism: Hi.
23	AVdd	-	-	A/D analog power supply.	
24	AVref0	-	-	A/D reference voltage input.	
25	P10/ANI0	I	PHONE	Phone detection.	1 V or less: Phone/ 2.5 V or more: NAVI MUTE.
26	P11/ANI1	I	SRM_SW1	SRM position detection.	Open: Hi.
27	P12/ANI2	I	NOISE	FM noise detection.	
28	P13/ANI3	I	SMETER	FM S meter detection.	
29	P14/ANI4	I	ANA_X	Spectrum analyzer input.	
30	P15/ANI5	I	ANA_Y	Spectrum analyzer input.	
31	P16/ANI6	I	R_REEL	Cassette mechanism reel pulse input (FWD).	
32	P17/ANI7	I	F_REEL	Cassette mechanism reel pulse input (REV).	
33	AVss	-	-	A/D GND terminal.	
34	P130/ANO0	O	EXT_AMP	External amp control.	
35	P131/ANO1	I	IF_MODE	IF status detection for K2I.	Wide: Hi/Narrow: Lo.
36	AVref1	-	-	D/A reference voltage input.	
37	P70/RxD2/SI2	I	DATA_C	Data line from changer.	
38	P71/TxD2/SO2	O	DATA_H	Data line to changer.	
39	P72/ASCK2/SCK2	I/O	CH_CLK	Clock line with changer.	
40	P20/RxD1/SI1	I	L_DATA_L	Data line to LCD driver.	
41	P21/TxD1/SO1	O	L_DATA_S	Data line from LCD driver.	
42	P22/ASCK1/SCK1	O	L_CLK	Clock line to LCD driver.	
43	P23/PCL	O	DIMMER	Dimmer control output.	
44	P24/BUZ	O	BEEP	Beep output.	Active: Hi.
45	P25/SI0	O	PLL_CE	CE to PLL.	
46	P26/SO0	I/O	PLL_DATA	Data input/output with PLL.	
47	P27/SCK0	O	PLL_CLK	Clock output to PLL.	
48	P80/A0	O	ILL_ON	Illumination.	
49	P81/A1	O	-	-	
50	P82/A2	O	WIDE	K2I Forced Wide output.	Active: Hi.

MICROCOMPUTER'S TERMINAL DESCRIPTION

uPD784215GC075 (076) (IC1: X14-592x-11, 6042-7x)

Pin No.	Pin Name	I/O	Signal Name	Purpose	Operation Description
51	P83/A3	I/O	NARROW	K2I Forced Narrow output.	Active: Hi.
52	P84/A4	O	AFC	Boise detection time constant SW	During reception: Hi/ During search: Lo.
53	P85/A5	O	L_CE	CE output to LCD driver.	
54	P86/A6	O	L_INH	Reset output to LCD driver.	Reset: Lo.
55	P87/A7	I	SRM_SW2	SRM eject position detection.	Rise: Eject position.
56	P40/AD0	I	QUAL	RDS reception quality.	
57	P41/AD1	I	R_DATA	RDS data input.	
58	P42/AD2	I	SRM_DET	SRM mechanism detection.	Detected: Lo/Not detected: Hi.
59	P43/AD3	I	FM_SD	FM SD input.	Station detected: Hi/ Not detected: Lo.
60	P44/AD4	O	-	-	
61	P45/AD5	I	MUSIC	Blank detection input.	Music detected: Lo/ Music not detected: Hi.
62	P46/AD6	O	B/C	Dolby B/C switching.	B: Lo/C: Hi.
63	P47/AD7	O	DOLBY	Dolby output.	Active: Hi.
64	P50/A8	O	EQ_MUTE	EQ muting output.	During play: Lo/FF or REW: Hi.
65	P51/A9	O	MTL	Metal output.	Active: Hi.
66	P52/A10	O	F/R	Tape EQ input switching.	FWD: Lo/REV: Hi.
67	P53/A11	O	MSC	Blank detection time constant switching.	During play: Hi/FF or REW: Lo.
68	P54/A12	I	MODE2	Cassette mechanism mode detection.	
69	P55/A13	I	MODE1	Cassette mechanism mode detection.	
70	P56/A14	I	MODE3	Cassette mechanism mode detection.	
71	P57/A15	I	PACK_DET	Cassette mechanism pack detection.	Pack detected: Hi.
72	Vss	-	-	GND terminal.	
73	P60/A16	I	TYPE0	Destination type terminal 0.	
74	P61/A17	I	TYPE1	Destination type terminal 1.	
75	P62/A18	I	TYPE2	Destination type terminal 2.	
76	P63/A19	I	ST_TYPE0	IC2 Ver.3 destination type terminal 0.	Initial value: 0.
77	P64/RD	I	ST_TYPE1	IC2 Ver.3 destination type terminal 1.	Initial value: 0.
78	P65/WR	O	-	Output open.	
79	P66/WAIT	O	ANA_A	Spectrum analyzer frequency switching.	
80	P67/ASTB	O	ANA_B	Spectrum analyzer frequency switching.	
81	Vdd	-	-	Positive power supply.	
82	P100/TI5/TO5	O	-	Output open.	
83	P101/TI6/TO6	O	SVR	Power IC reset.	Power ON: Lo.
84	P102/TI7/TO7	O	-	Output open.	
85	P103/TI8/TO8	O	P_MUTE	Power IC muting.	Active: Hi.
86	P30/TO0	O	ANT_CON	Antenna control.	Active: Hi.
87	P31/TO1	O	FM+B	FM power supply.	Active: Hi.
88	P32/TO2	O	AM+B	AM power supply.	Active: Hi.
89	P33/TI1	O	P_CON	Power control.	Active: Hi.
90	P34/TI2	I	ACC_DET	Acc detection.	Acc OFF: Hi.
91	P35/TI00	I	REMO	Remote control input.	
92	P36/TI01	O	P_ON	uCOM peripheral power supply.	Active: Hi.
93	P37	I	BU_DET	Momentary power down detection.	Power down: Hi.
94	TEST	-	-	Test terminal.	
95	P90	I/O	IC2_SDA	IC2, IC5 and EEPROM data line.	
96	P91	O	IC2_SCK	IC2, IC5 and EEPROM clock line.	
97	P92	O	MUTE	Muting terminal.	Active: Hi.
98	P93	O	SW5	5 V power supply.	Active: Lo.
99	P94	O	-	-	
100	P95	O	CHCON2	Changer 2 control.	Active: Lo.

TEST MODE

99 MODEL

- (1) How to enter the test mode
Reset the set while holding the FM and preset 6 keys depressed.
All indications light up at the moment the test mode starts.
 - (2) How to exit from the test mode
Reset the set while holding the preset 6 key.
(Note) The test mode is not canceled by turning Acc OFF, turning power OFF or causing momentary power down.
 - (3) FM S meter voltage adjustment
 1. Enter the test mode.
 2. While holding the preset 1 key depressed, press and hold the preset 6 key.
 3. "ADJ OK" is displayed when the result is OK or "ADJ NG" is displayed when it is No Good.
 - (4) AM SD voltage write
 1. Enter the test mode.
 2. While holding the preset 1 key depressed, press and hold the preset 6 key to write the SD voltage data.
 - (5) Forced Auto/Manual switching of K2I
Press and hold the TI key in the TUNER mode to switch between AUTO and MANUAL.
The initial status is MANUAL, which is indicated by the lighting of the dual dots.
 - (6) Forced Narrow/Wide switching of K2I
Press the preset 6 key in the TUNER mode to switch between Forced Narrow and Wide.
The initial status is Wide, which is indicated by the lighting of the P/S dot.
 - (7) TAPE test mode specification
 - o The blank skip function is initially turned off.
 - (8) Audio adjustments
 - o The volume should be set to -10 dB (displayed as "30").
 - o The bass/treble and balance/fader controls are set to full boost/full cut and full front/full rear respectively by single press of the UP/DOWN key.
 - o The high-pass filter is set to Through/100 Hz/200 Hz by each press of the UP key, or to 200 Hz/100 Hz/Through by each press of the DOWN key.
 - o Other adjustments are identical to normal operations.
 - (9) Back-up current measurement
When the set is reset while Acc is off (i.e. when the back-up power is on) or when Acc is turned off in the middle of test mode, the MUTE pin turns ON in 2 seconds instead of 15 seconds. (The panel/CD/C/MD mechanism is not activated at this time.)
 - (10) Procedure for security code registration after the E2PROM replacement during servicing (KRC-787 only)
 1. Enter the test mode (see "(1) How to enter the test mode").
 2. Press the SRC key to select TUNER.
 3. Press and hold the AUDIO key for 1 second to enter the menu mode.
 4. Press the Track UP/DOWN key to select "SECURITY".
 5. Press and hold the FM/AM key for 2 seconds.
 6. Enter the security code by pressing the preset 1, 2, 3 and 4 keys.
Example: To enter "3510"
 - Press preset key "1" 4 times.
 - Press preset key "2" 6 times.
 - Press preset key "3" 2 times.
 - Press preset key "4" 1 time.
 7. Press and hold the DISP key for 3 seconds so that "APPROVED" is displayed.
 8. Exit from the test mode (see "(2) How to exit from the test mode").
 - (11) Simplified security code clear procedure (KRC-X957, KRC-807)
 1. During the code request mode, while holding the DISP key depressed, press and hold the Volume UP key for 3 seconds (so that "- - -" disappears).
 2. Enter "KCAR" from the remote control unit. (Same operation as with the '98 models)
 - Press numeric key "5" 2 times and press the Track UP key (to enter "K").
 - Press numeric key "2" 3 times and press the Track UP key (to enter "C").
 - Press numeric key "2" 1 time and press the Track UP key (to enter "A").
 - Press numeric key "7" 2 times and press the Track UP key (to enter "R").
 3. The security is canceled and the set enters the TUNER mode.
 - (12) -1 MASK key write procedure in production line (when the E2PROM is in the initial status) (MASK KEY type)
 1. While holding the FM and preset 6 keys depressed, press RESET to enter the test mode.
 2. Press and hold the AUDIO key for 1 second to enter the menu mode.
 3. Press the Track UP/DOWN key to select "Mask key".
 4. Press the FM or AM key shortly so that "TRANSMIT1" is displayed.
 5. Point the MASK key to the light sensor and press and hold the key for more than 0.5 second.
 6. When "TRANSMIT2" is displayed, press and hold the MASK key again for more than 0.5 second. Note that the first and second counter codes are not compared at this time.
 7. The write operation is complete when "APPROVED" is displayed. At this time, the demonstration mode is set and the test mode is canceled.
- (Note) Similarly to the '98 models, leaving the set for more than 30 minutes without writing the code causes an error and turns power off.

KRC-777R/RV/877R/RV/WWWY/977R/RV/PS1077R/RV

TEST MODE

(12) -2 Procedure for canceling the MASK key request (when the set is reset or the back-up power is turned off while the MASK key is enabled)

- When the power is supplied and the set is switched on, "TRANSMIT1" is displayed and the MASK key request mode starts.
- Point the MASK key toward the light sensor and press and hold for more than 3 seconds (until the level indicator indicates the full condition).
- When "TRANSMIT2" is displayed, press and hold the MASK key again for more than 3 seconds.
If "TRANSMIT1" is displayed now, go back to step 2 and restart from there again.
- When "APPROVED" is displayed, the MASK key is enabled and the set is turned on.

(12) -3 Procedure for MASK key initialization (Resetting the MASK key enabled condition to the factory-set condition)

- While holding the FM and preset 6 keys, press RESET to enter the test mode.
- "TRANSMIT1" is displayed and the MASK key request mode starts.
At this time, the display shows "* *" in place of "[]".
- Press the MASK key cancel remote control for more than 3 seconds.
- When "TRANSMIT2" is displayed, press and hold the MASK key again for more than 3 seconds.
- When "APPROVED" is displayed, the MASK key is canceled, the demonstration mode is set, the test mode is canceled and the set returns to the factory-set condition.

(12) -4 MASK key all-clear procedure

- While holding the FM and preset 6 keys, press RESET to enter the test mode.
- Press and hold the AUDIO key for more than 1 second to enter the menu mode.
- Press the Track UP/DOWN key to select "Mask key".
- Press and hold the FM or AM key for more than 2 seconds so that "TRANSMIT1" is displayed.
- Point the MASK key cancel remote control toward the light sensor and press for more than 3 seconds (until the level indicator indicates the full condition).
- When "TRANSMIT2" is displayed, press and hold the MASK key again for more than 3 seconds.
If "TRANSMIT1" is displayed now, go back to step 2 and restart from there again.
- When "APPROVED" is displayed, the E2PROM is cleared entirely and the condition in "(14) MASK key write procedure in production line (when the E2PROM is in the initial status)" returns.

(13) Other

- Automatic panel closing when the TAPE/CD/MD is inserted is disabled.
- Pressing the ATT key ON/OFF opens or closes the panel. (The ATT operation can be activated from the remote control unit.)
- The DNPP/SNF key of the remote control unit (RC-

510) functions as the menu mode ON/OFF key.

- The OPEN/CLOSE key of the remote control unit (RC-510) functions as the audio adjustment mode ON/OFF key.
- The menu feed operations occur only with the necessary features.
- The communication line for the Opel display does not stop communication even when it is not connected.
- Display such as "CODE OFF" is not displayed at the moment power is turned on.
- The dimmer control of the FL models or the contrast control of the LCD models can be adjusted only to 0/5/10 using the UP/DOWN keys.

KRC-777R/RV/877R/RV/WWWY/977R/RV/PS1077R/RV

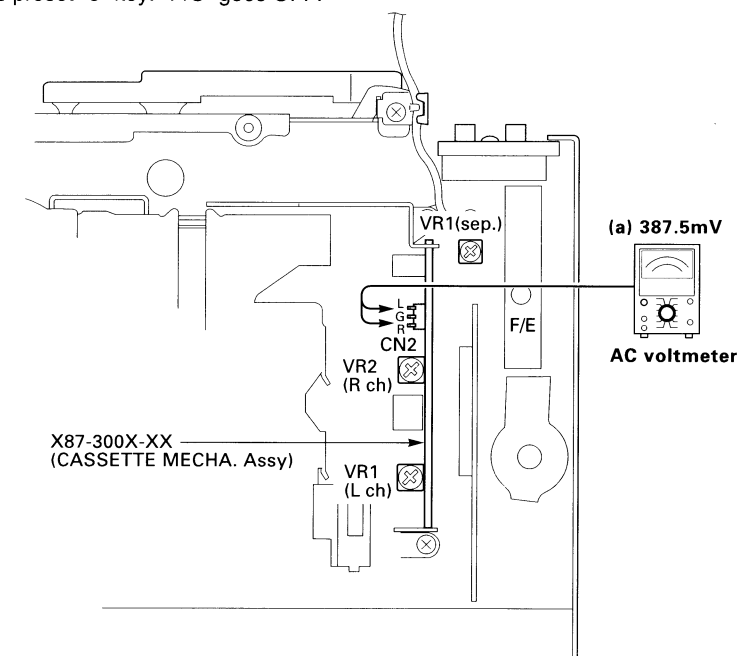
ADJUSTMENT

Set the controls and switches as follows.

BALANCE :center position BASS :center position LOUD :OFF DOLBY NR :OFF
FADER :center position TREBLE :center position

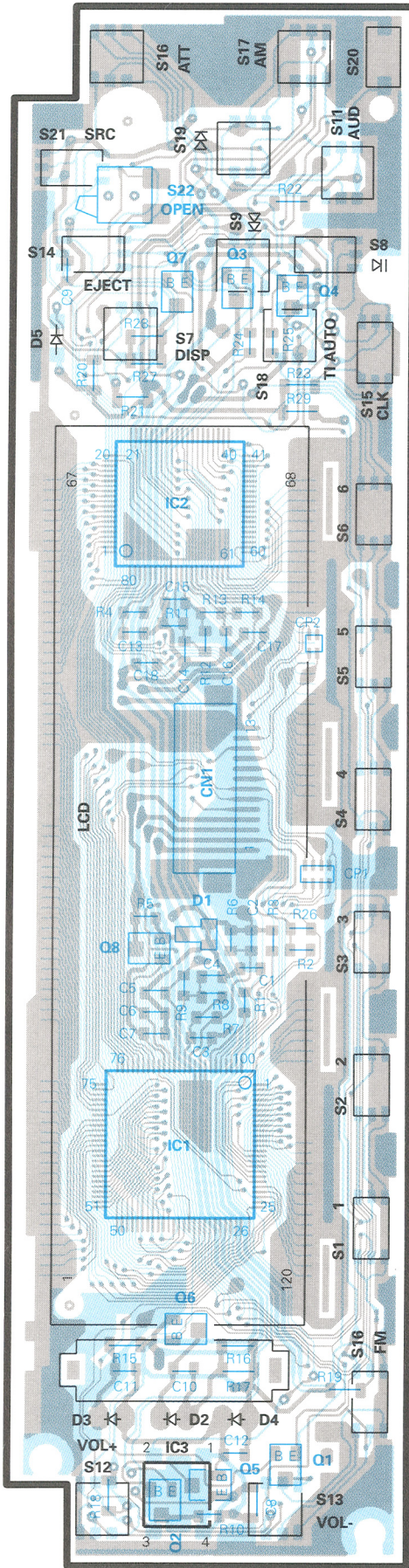
No	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER) SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	SEPARATION (NARROW)	98.1MHz 1kHz,±40kHz dev Pilot:±6.0kHz dev Selector:L or R 60dBμ(ANT input)	Connect a AC voltmeter to SP OUT	TEST MODE:ON (Forced Narrow) FM 98.1MHz	VR1 (X14-)	Adjust it so that the crosstalk from L to R and R to L become minimum.	
2	S METER VOLTAGE	98.1MHz 0 dev 35dBμ (ANT input)	—	TEST MODE: ON FM 98.1MHz	Preset "1" key, and preset "6" key	While holding preset "1" key, press and hold preset "6" key for a few seconds. "ADJ OK" is displayed if the adjustment is OK and "ADJ NG" is displayed if it is not good.	
AM SECTION							
(1)	SD VOLTAGE	990 kHz 0% mod 35dBμ (ANT input)	—	TEST MODE: ON AM 990 kHz	Preset "1" key, and preset "6" key	While holding preset "1" key, press and hold preset "6" key for a few seconds. "ADJ OK" is displayed if the adjustment is OK and "ADJ NG" is displayed if it is not good.	
CASSETTE DECK SECTION							
[1]	AZIMUTH	TCC-153 10kHz	Connect a AC voltmeter to SP OUT	TAPE PLAY	Head Azimuth Screw	Adjust the azimuth for each Lch/Rch or FWD/RVS becomes maximum	
[2]	PLAY BACK LEVEL	TCC-130	Connect a AC voltmeter to CN2	TAPE PLAY	VR1 (L) VR2 (R) (X87)	387.5 mV (-6dBm)	(a)

TEST MODE : ON
(Forced Narrow) While holding the "FM" key and preset "6" key, reset the unit.
Hold down the "TI" key for 2 second. "DUAL" goes ON.
Press preset "6" key. "P/S" goes OFF.



PC BOARD(Component side view)

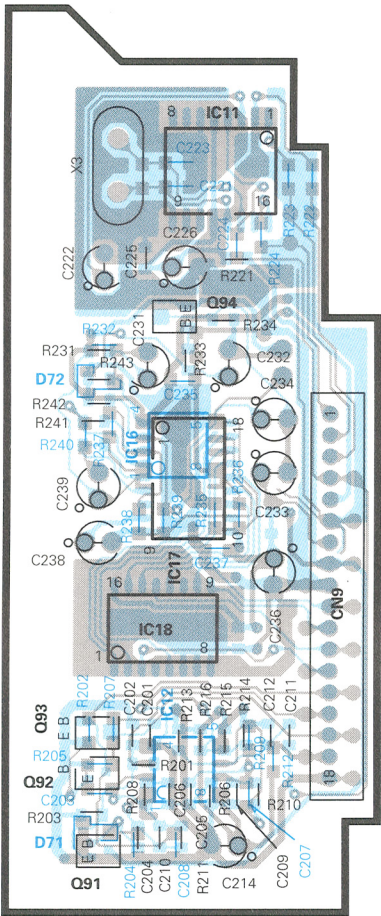
SWITCH UNIT
X13-9402-7X (J74-0809-02)



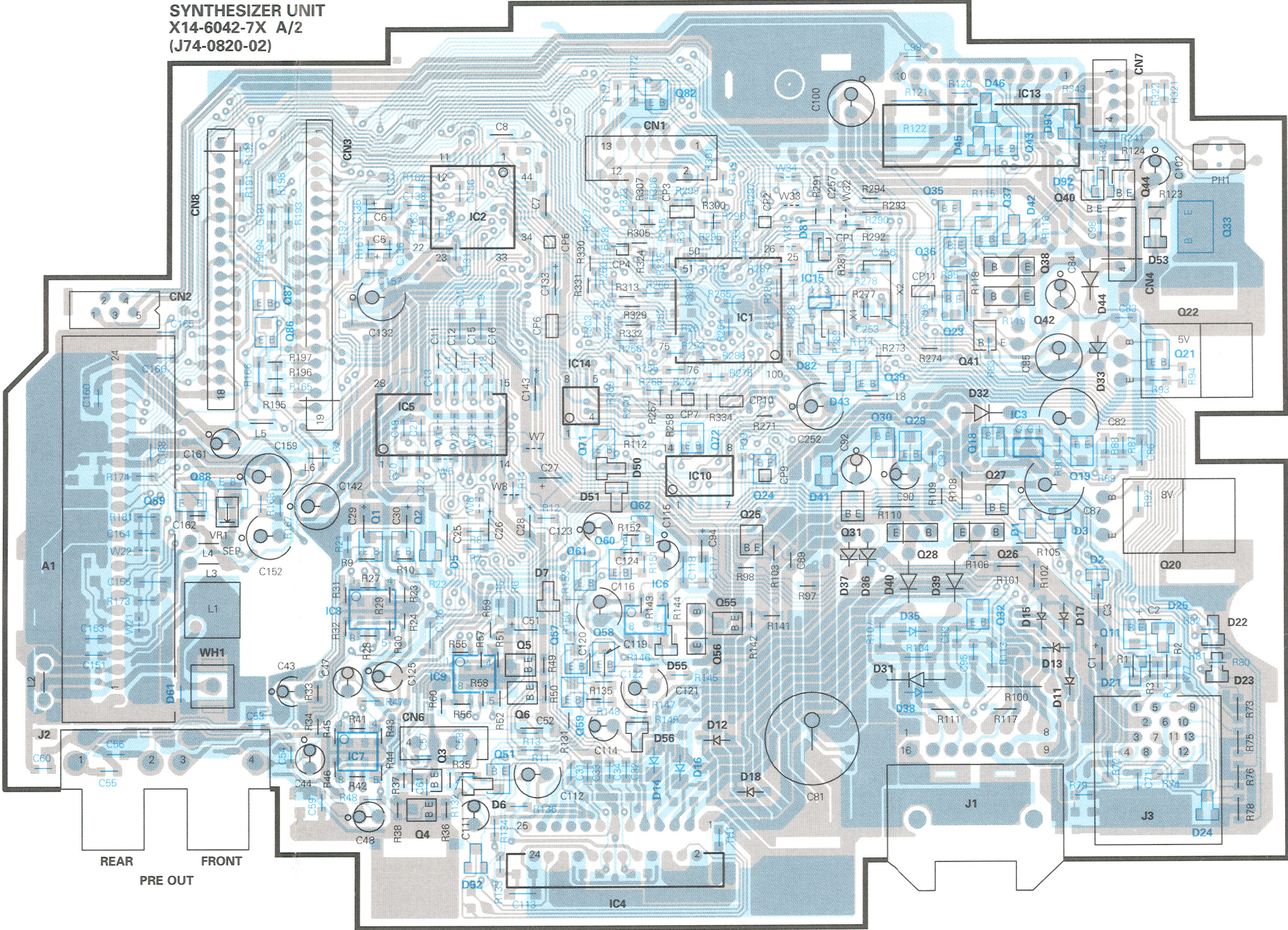
SWITCH UNIT
(X13-9402-7X)

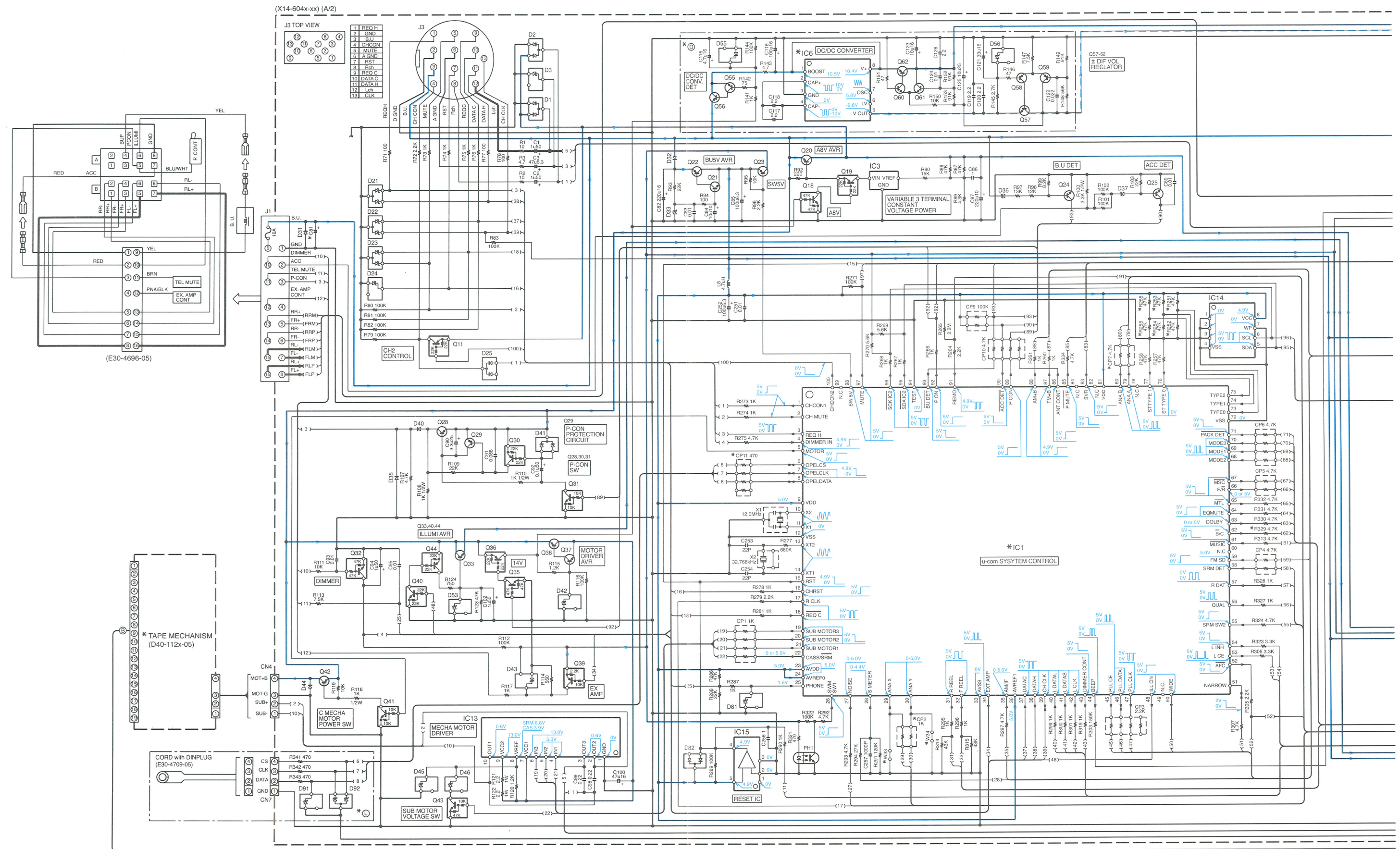
Ref.No.	Address
1	5A
2	3A
3	7A
4	7B
5	2B
6	2A
7	5A
8	5A

X14 B/2



SYNTHESIZER UNIT
X14-6042-7X A/2
(J74-0820-02)





PC BOARD(Foil side view)

SYNTHESIZER UNIT
(X14-6042-7X)

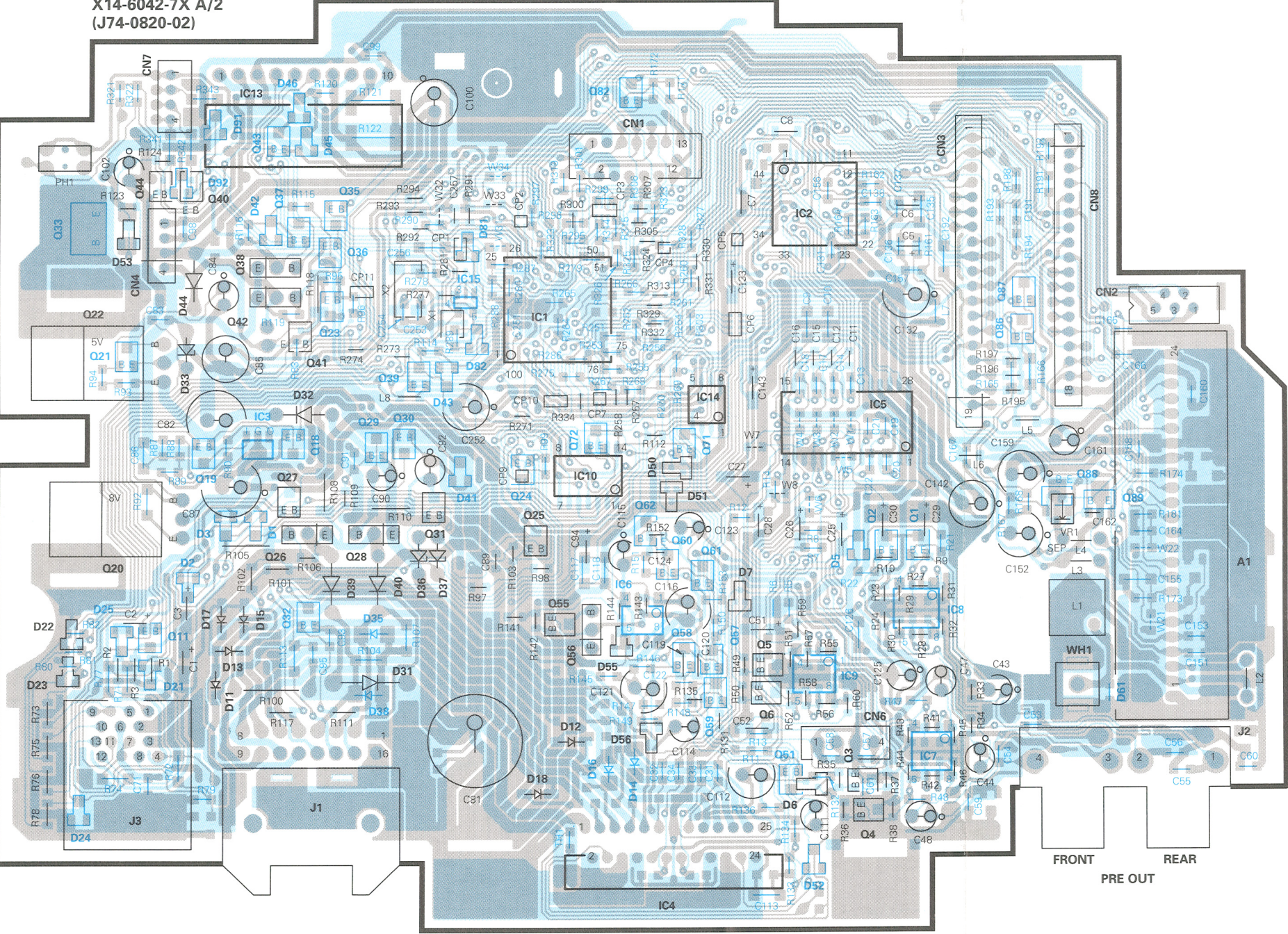
Ref.No.	IC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Address		3M	3O	4L	6N	4O	5N	5O	5O	5O	4M	3Q	5R	2L	4N	3M	4R	4R	5R

Ref.No.	Q	1	2	3	4	5	6	11	18	19	20	21	22	23	24	25	26	27	28	29	30
Address		4O	4O	5O	6O	5N	5N	5K	4L	4L	4K	3K	3L	3L	4M	4M	4L	4L	4L	4L	4M

Ref.No.	Q	31	32	33	35	36	37	38	39	40	41	42	43	44	51	55	56	57	58	59	60
Address		4M	5L	3K	3L	3L	3L	3L	4M	4L	3L	2L	3K	4K	5N	5M	5M	5N	5N	5N	4N

Ref.No.	Q	61	62	71	72	82	86	87	88	89	91	92	93	94
Address		4N	4N	4N	4N	2N	3P	3P	4P	4P	5R	5R	5R	3R

SYNTHESIZER UNIT
X14-6042-7X A/2
(J74-0820-02)

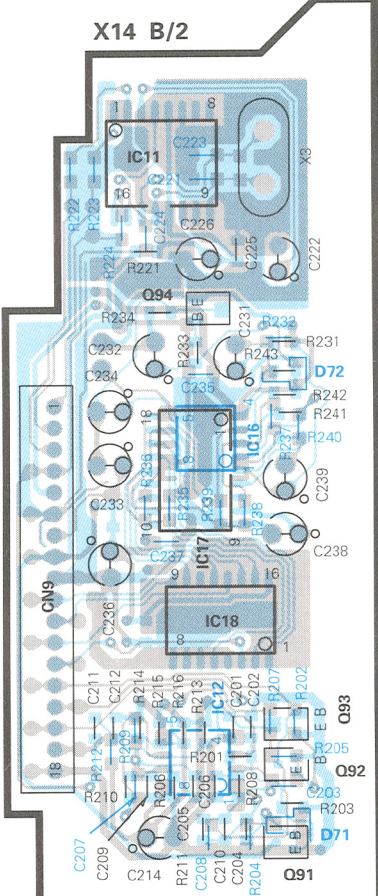


FRONT
PRE OUT
REAR

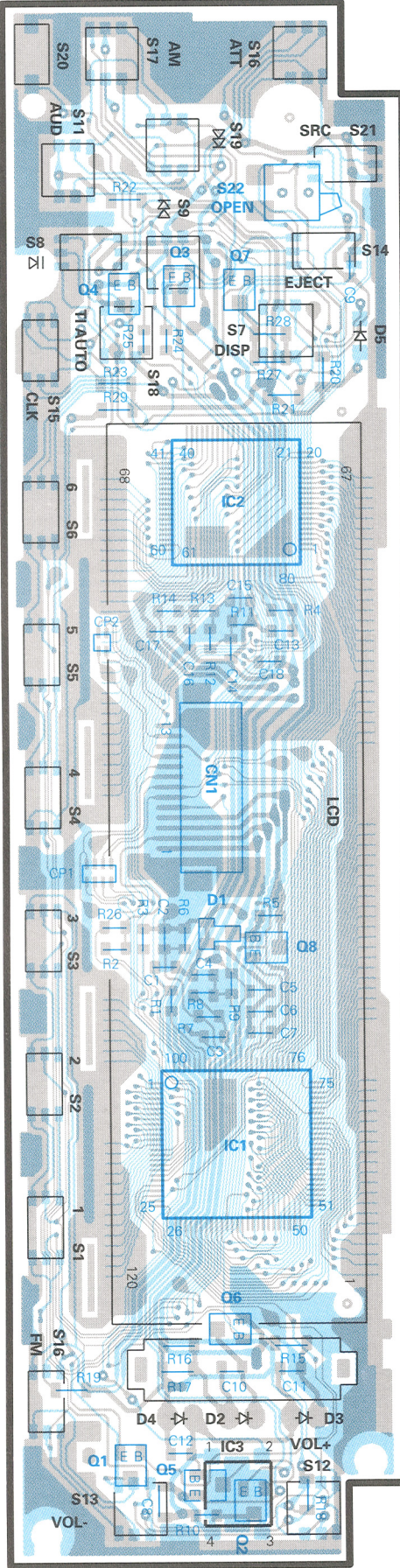
SWITCH UNIT
(X13-9402-7X)

Ref.No.	IC	Q	Address
1			5S
2			3S
3			7S
1			7S
2			7S
3			2S
4			2S
5			7S
6			6S
7			2S
8			5S

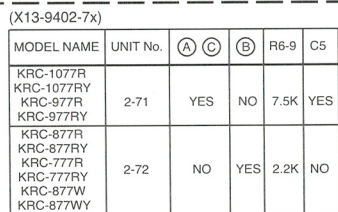
X14 B/2



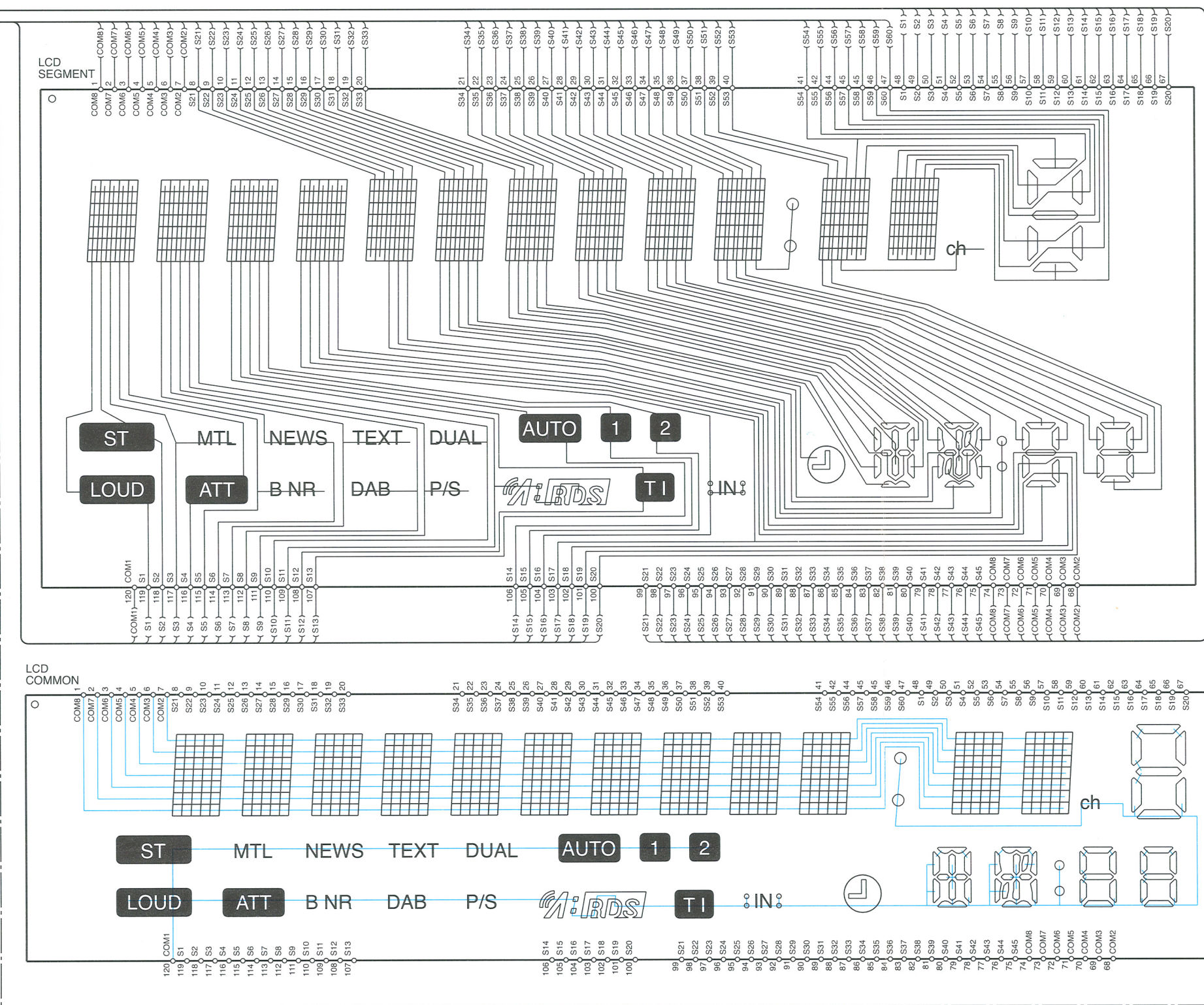
SWITCH UNIT
X13-9402-7X (J74-0809-02)



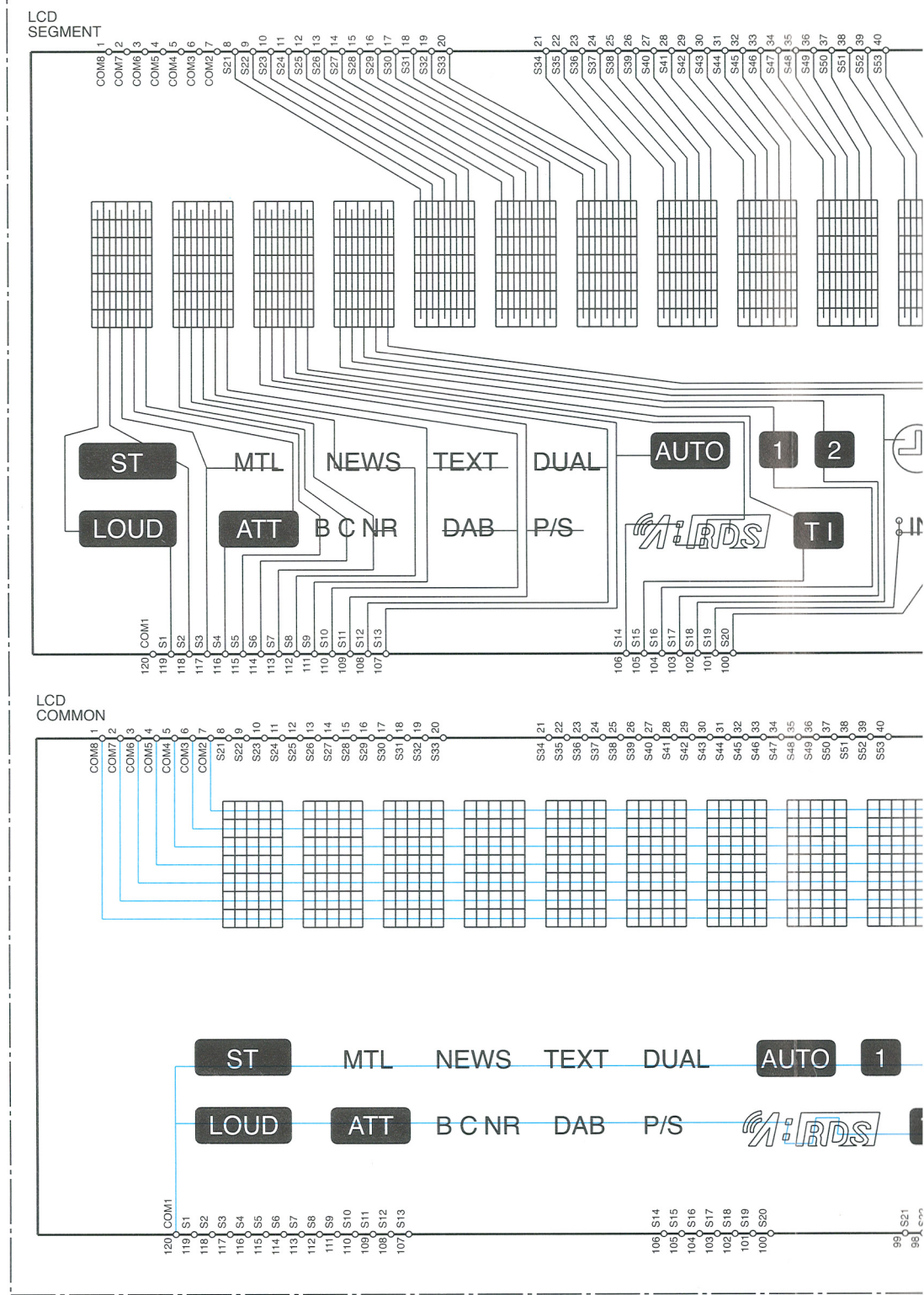
Refer to the schematic diagram for the value of resistors and capacitors.



* (B38-1010-05)



* (B38-1011-05)

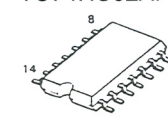


CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

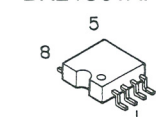
DAP202U
DA204K



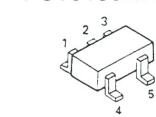
TC74HC02AF



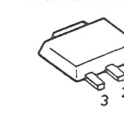
BR24C01AF



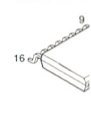
PST9130NR



M5237ML

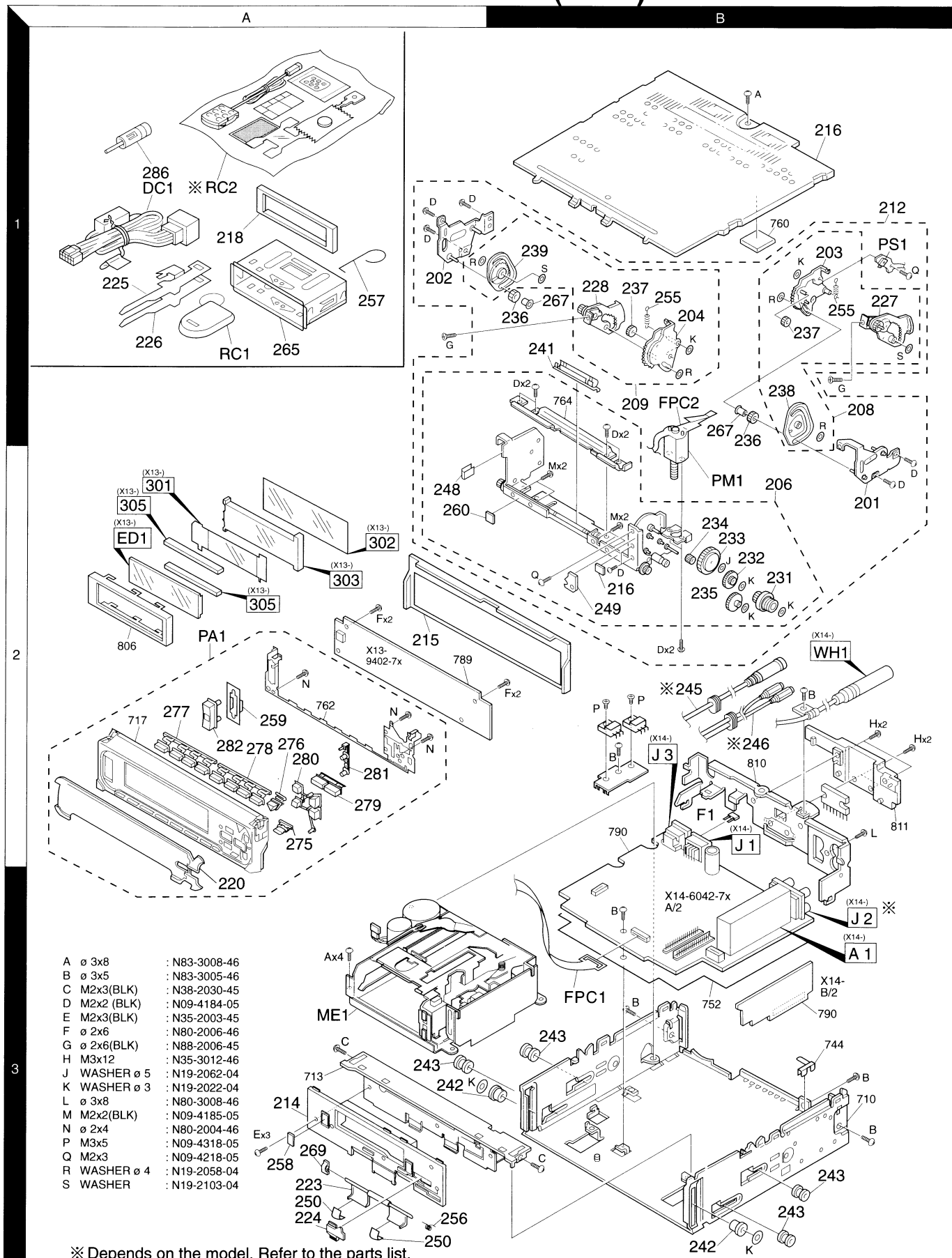


TDA74





EXPLODED VIEW (UNIT)



* Depends on the model. Refer to the parts list.

Parts with exploded numbers larger than 700 are not supplied.

PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

Ref.No.	A d d w	Parts No.	Description	Desti- nation
KRC-777R/R/877R/R/W/WY/977R/R/PS1077R/R				
201	2B	A10-4315-04	CHASSIS CALKING ASSY	
202	1A	A10-4317-04	CHASSIS CALKING ASSY	
203	1B	A10-4319-04	CHASSIS CALKING ASSY	
204	1B	A10-4321-04	CHASSIS CALKING ASSY	
206	2B	A10-4534-13	CHASSIS ASSY	
208	1B	A10-4539-12	CHASSIS ASSY	
209	1B	A10-4541-12	CHASSIS ASSY	
212	1B	* A10-4609-12	CHASSIS ASSY(PANEL MECH.)	
214	3A	* A22-2294-02	SUB PANEL	
215	2A	A46-1604-03	REAR COVER ASSY	E0E1
215	2A	A46-1604-03	REAR COVER ASSY	E2E3E4
215	2A	A46-1605-03	REAR COVER ASSY	E5E6E7
216	1B	* A52-0741-02	TOP PLATE	E8E9
PA1	2A	* A64-1558-12	PANEL ASSY	E2E3
PA1	2A	* A64-1560-12	PANEL ASSY	E8E9
PA1	2A	* A64-1562-12	PANEL ASSY	E0E1
PA1	2A	* A64-1565-12	PANEL ASSY	E4E5
PA1	2A	* A64-1573-12	PANEL ASSY	E6E7
RC1	1A	A70-0886-05	REMOTE CONTROLLER ASSY(M-KEY)	
RC2	1A	A70-0874-05	REMOTE CONTROLLER ASSY(RC700)	E0E1
RC2	1A	A70-0874-05	REMOTE CONTROLLER ASSY(RC700)	E2E3E4
RC2	1A	A70-0874-05	REMOTE CONTROLLER ASSY(RC700)	E5E8E9
218	1A	B07-2139-03	ESCUTCHEON ASSY	E0E1
218	1A	B07-2139-03	ESCUTCHEON ASSY	E2E3E4
218	1A	B07-2139-03	ESCUTCHEON ASSY	E5E6E7
218	1A	B07-2140-03	ESCUTCHEON ASSY	E8E9
220	3A	* B10-2965-01	FRONT GLASS	E0E1
220	3A	* B10-2966-01	FRONT GLASS	E2E3
220	3A	* B10-2968-01	FRONT GLASS	E4E5
220	3A	* B10-2971-01	FRONT GLASS	E6E7
220	3A	* B10-2973-01	FRONT GLASS	E8E9
		B46-0100-50	WARRANTY CARD	E2E4E6
		B46-0100-50	WARRANTY CARD	E8E
		B46-0612-14	ID CARD	
		B58-1255-04	CAUTION CARD (SRM)	E2E4E6
		B58-1255-04	CAUTION CARD (SRM)	E8E
		B58-1278-04	CAUTION CARD	E2E4E6
		B58-1278-04	CAUTION CARD	E8E
		B58-1282-04	CAUTION CARD (SRM)	E3E5E7
		B58-1282-04	CAUTION CARD (SRM)	E9E1
		B58-1283-04	CAUTION CARD	E3E5E7
		B58-1283-04	CAUTION CARD	E9E1
		B58-1309-04	CAUTION CARD	
		B58-1310-04	CAUTION CARD	
		B58-1319-04	CAUTION CARD	
		* B64-1342-00	INST.MANUAL (ENG.FRE.)	E2E4E6
		* B64-1342-00	INST.MANUAL (ENG.FRE.)	E8E
		* B64-1343-00	INST.MANUAL (GER.DUT.ITA)	E2E4E6
		* B64-1343-00	INST.MANUAL (GER.DUT.ITA)	E8E
		* B64-1344-00	INST.MANUAL (SPA.POR.)	E2E4E6
		* B64-1344-00	INST.MANUAL (SPA.POR.)	E8E
		* B64-1345-00	INST.MANUAL (ENG.RUS.POL.)	E3E5E7

E0: KRC-PS1077R

E2: KRC-977R

E4: KRC-877R

E6: KRC-777R

E8: KRC-877W

E1: KRC-PS1077RY

E3: KRC-977RY

E5: KRC-877RY

E7: KRC-777RY

E9: KRC-877WY

⚠ indicates safety critical components.

Ref.No.	A d d w	Parts No.	Description	Desti- nation
		* B64-1345-00	INST.MANUAL (ENG.RUS.POL.)	E9E1
		* B64-1346-00	INST.MANUAL (HUN.CZE.CRO.)	E3E5E7
		* B64-1346-00	INST.MANUAL (HUN.CZE.CRO.)	E9E1
223	3A	* D10-4299-03	ARM	
224	3A	* D10-4300-04	LEVER	
225	1A	D10-4302-04	LEVER	
226	1A	D10-4301-04	LEVER	
227	1B	D10-4329-03	ARM ASSY	
228	1B	D10-4330-03	ARM ASSY	
231	2B	D13-1302-64	GEAR ASSY	
232	2B	D13-1306-24	GEAR	
233	2B	D13-1348-03	GEAR	
234	2B	D13-1349-04	GEAR	
235	2B	D13-1453-04	GEAR ASSY	
236	1B	D13-1312-34	GEAR	
237	2B	D13-1313-04	GEAR	
238	1B	D13-1455-13	GEAR ASSY	
239	1B	D13-1456-13	GEAR ASSY	
241	1B	D14-0678-04	ROLLER ASSY	
242	3B	D14-0716-04	ROLLER	
243	3B	D14-0723-04	ROLLER	
ME1	3A	* D40-1123-05	CASSETTE MECHANISM ASSY	E2E3E4
ME1	3A	* D40-1123-05	CASSETTE MECHANISM ASSY	E5E6E7
ME1	3A	* D40-1123-05	CASSETTE MECHANISM ASSY	E8E9
ME1	3A	* D40-1125-05	CASSETTE MECHANISM ASSY	E0E1
245	2B	E30-4709-05	CORD WITH DIN CONNECTOR	E4E5
246	2B	* E30-4720-05	CORD WITH PINPLUG	E0E1
DC1	1A	E30-4696-05	DC CORD	
248	1B	F09-1244-04	SHEET	
249	2B	* F09-1294-04	SHEET	
250	3A	* F09-1292-04	SHEET	
F1	2B	F52-0006-05	FUSE(MINI BLADE TYPE)	
255	1B	G01-2818-24	EXTENSION SPRING	
256	3A	G01-2920-14	TORSION COIL SPRING	
257	1A	G01-2924-04	TORSION COIL SPRING	
258	3A	* G11-1797-04	CUSHION	E3E5E7
259	2A	G11-1800-04	CUSHION	E9E1
260	2B	G11-1850-04	CUSHION	
		H10-4629-02	POLYSTYRENE FOAMED FIXTURE	
		H12-2660-04	PACKING FIXTURE	
		H13-1751-04	CARTON BOARD	
		H21-1120-04	PROTECTION SHEET	
		H21-1123-04	PROTECTION SHEET	
		H25-0329-04	PROTECTION BAG (280X450)	E3E5E7
		H25-0329-04	PROTECTION BAG (280X450)	E9E1
		H25-0337-04	PROTECTION BAG (180X300)	
		H25-1108-04	PROTECTION BAG (100X300)	
		H25-1111-04	PROTECTION BAG (280X450)	E2E4E6
		H25-1111-04	PROTECTION BAG (280X450)	E8E
		* H54-1338-03	ITEM CARTON CASE	E
		* H54-1340-03	ITEM CARTON CASE	E1
		* H54-1342-03	ITEM CARTON CASE	E2
		* H54-1344-03	ITEM CARTON CASE	E3

* New Parts

Parts without

Les articles

Teile ohne

Ref.No.	A d d w	Parts No.	Description	Desti- nation
265	1A			
267	1B			
269	3A			
FPC1	3B			
FPC2	1B			
275	3A			
276	2A			
277	2A			
278	2A			
279	2A			
280	2A			
281	3A			
282	2A			
A	3A			
B	3B			
C	3A			
D	1B			
E	3A			
F	2A			
G	1B			
J	2B			
K	2B			
M	1B			
N	2A			
Q	1B			
R	1B			
S	1B			
PS1	1B			
286	1A			
PM1	1B			
301	2A			
302	2A			
303	2A			
D2 -4				
D5				
ED1	2A			
ED1	2A			
ED1	2A			
ED1	2A			
C1				
C2 -4				
C2 -4				
C2 -6				
C2 -6				
C6				

E0: KRC-PS

E1: KRC-PS

KRC-777R/RV/877R/RV/W/WY/977R/RV/PS1077R/RV

PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

Ref.No.	A d d	N e w	Parts No.	Description	Desti- nation
KRC-777R/RV/877R/RV/W/WY/977R/RV/PS1077R/RV					
201	2B		A10-4315-04	CHASSIS CALKING ASSY	
202	1A		A10-4317-04	CHASSIS CALKING ASSY	
203	1B		A10-4319-04	CHASSIS CALKING ASSY	
204	1B		A10-4321-04	CHASSIS CALKING ASSY	
206	2B		A10-4534-13	CHASSIS ASSY	
208	1B		A10-4539-12	CHASSIS ASSY	
209	1B		A10-4541-12	CHASSIS ASSY	
212	1B	*	A10-4609-12	CHASSIS ASSY(PANEL MECH.)	
214	3A	*	A22-2294-02	SUB PANEL	
215	2A		A46-1604-03	REAR COVER ASSY	E0E1
215	2A		A46-1604-03	REAR COVER ASSY	E2E3E4
215	2A		A46-1604-03	REAR COVER ASSY	E5E6E7
215	2A		A46-1605-03	REAR COVER ASSY	E8E9
216	1B	*	A52-0741-02	TOP PLATE	
PA1	2A	*	A64-1558-12	PANEL ASSY	E2E3
PA1	2A	*	A64-1560-12	PANEL ASSY	E8E9
PA1	2A	*	A64-1562-12	PANEL ASSY	E0E1
PA1	2A	*	A64-1565-12	PANEL ASSY	E4E5
PA1	2A	*	A64-1573-12	PANEL ASSY	E6E7
RC1	1A		A70-0886-05	REMOTE CONTROLLER ASSY(M-KEY)	
RC2	1A		A70-0874-05	REMOTE CONTROLLER ASSY(RC700)	E0E1
RC2	1A		A70-0874-05	REMOTE CONTROLLER ASSY(RC700)	E2E3E4
RC2	1A		A70-0874-05	REMOTE CONTROLLER ASSY(RC700)	E5E8E9
218	1A		B07-2139-03	ESCUTCHEON ASSY	E0E1
218	1A		B07-2139-03	ESCUTCHEON ASSY	E2E3E4
218	1A		B07-2139-03	ESCUTCHEON ASSY	E5E6E7
218	1A		B07-2140-03	ESCUTCHEON ASSY	E8E9
220	3A	*	B10-2965-01	FRONT GLASS	E0E1
220	3A	*	B10-2966-01	FRONT GLASS	E2E3
220	3A	*	B10-2968-01	FRONT GLASS	E4E5
220	3A	*	B10-2971-01	FRONT GLASS	E6E7
220	3A	*	B10-2973-01	FRONT GLASS	E8E9
-			B46-0100-50	WARRANTY CARD	E2E4E6
-			B46-0100-50	WARRANTY CARD	E8E
-			B46-0612-14	ID CARD	
-			B58-1255-04	CAUTION CARD (SRM)	E2E4E6
-			B58-1255-04	CAUTION CARD (SRM)	E8E
-			B58-1278-04	CAUTION CARD	E2E4E6
-			B58-1278-04	CAUTION CARD	E8E
-			B58-1282-04	CAUTION CARD (SRM)	E3E5E7
-			B58-1282-04	CAUTION CARD (SRM)	E9E1
-			B58-1283-04	CAUTION CARD	E3E5E7
-			B58-1283-04	CAUTION CARD	E9E1
-			B58-1309-04	CAUTION CARD	
-			B58-1310-04	CAUTION CARD	
-			B58-1319-04	CAUTION CARD	
-		*	B64-1342-00	INST.MANUAL (ENG.FRE.)	E2E4E6
-		*	B64-1342-00	INST.MANUAL (ENG.FRE.)	E8E
-		*	B64-1343-00	INST.MANUAL (GER.DUT.ITA)	E2E4E6
-		*	B64-1343-00	INST.MANUAL (GER.DUT.ITA)	E8E
-		*	B64-1344-00	INST.MANUAL (SPA.POR.)	E2E4E6
-		*	B64-1344-00	INST.MANUAL (SPA.POR.)	E8E
-		*	B64-1345-00	INST.MANUAL (ENG.RUS.POL.)	E3E5E7

E0: KRC-PS1077R E2: KRC-977R E4: KRC-877R E6: KRC-777R E8: KRC-877W

E1: KRC-PS1077RY E3: KRC-977RY E5: KRC-877RY E7: KRC-777RY E9: KRC-877WY

⚠ indicates safety critical components.

KRC-777R/RV/877R/RV/W/WY/977R/RV/PS1077R/RV

PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

Ref.No.	A d d	N e w	Parts No.	Description	Desti- nation
-		*	H54-1348-03	ITEM CARTON CASE	E4
-		*	H54-1350-03	ITEM CARTON CASE	E5
-		*	H54-1354-03	ITEM CARTON CASE	E6
-		*	H54-1356-03	ITEM CARTON CASE	E7
-		*	H54-1359-03	ITEM CARTON CASE	E8
-		*	H54-1361-03	ITEM CARTON CASE	E9
265	1A		J21-9367-03	MOUNTING HARDWARE ASSY	
267	1B		J31-1035-24	COLLAR	
269	3A		J90-0923-04	GUIDE	
FPC1	3B		J84-0093-03	FLEXIBLE PRINTED WIRING BOARD	
FPC2	1B		J84-0062-23	FLEXIBLE PRINTED WIRING BOARD	
275	3A		K24-1933-14	KNOB (AUD)	
276	2A		K24-1934-04	KNOB (SRC)	
277	2A		K25-0973-03	KNOB (ATT/1-3)	
278	2A		K25-0974-03	KNOB (4-6/CLK)	
279	2A		K25-0975-03	KNOB (FF/REW)	
280	2A		K25-0976-03	KNOB (FM/AM)	
281	3A		K25-0977-03	KNOB (DISP/TI)	
282	2A		K25-0978-03	KNOB (VOL)	
A	3A		N83-3008-46	PAN HEAD TAPTITE SCREW	
B	3B		N83-3005-46	PAN HEAD TAPTITE SCREW	
C	3A		N38-2030-45	PAN HEAD MACHIN SCREW	
D	1B		N09-4184-05	MACHINE SCREW (M2X2)	
E	3A		N35-2003-45	BINDING HEAD MACHINE SCREW	
F	2A		N80-2006-46	PAN HEAD TAPTITE SCREW	
G	1B		N88-2006-45	FLAT HEAD TAPTITE SCREW	
J	2B		N19-2062-04	FLAT WASHER	
K	2B		N19-2022-04	FLAT WASHER	
M	1B		N09-4185-05	MACHINE SCREW (M2X2)	
N	2A		N80-2004-46	PAN HEAD TAPTITE SCREW	
Q	1B		N09-4218-05	MACHINE SCREW (M2X3)	
R	1B		N19-2058-04	FLAT WASHER	
S	1B		N19-2103-04	FLAT WASHER	
PS1	1B		S68-0829-05	PUSH SWITCH	
286	1A		T90-0523-05	ANTENNA ADAPTOR	
PM1	1B		T42-0752-24	MOTOR ASSY	
SWITCH UNIT(X13-9402-7X)					
301	2A	*	B11-0969-04	OPTICAL DIFFUSER	
302	2A	*	B11-0970-04	REFLECTION SHEET	
303	2A	*	B19-1169-03	LIGHTING BOARD	
D2 -4			B30-1542-05	LED	
D5			B30-1424-05	LED	
ED1	2A		B38-1010-05	LIQUID CRYSTAL	E4E5E6
ED1	2A		B38-1010-05	LIQUID CRYSTAL	E7E8E9
ED1	2A	*	B38-1011-05	LIQUID CRYSTAL	E1
ED1	2A	*	B38-1011-05	LIQUID CRYSTAL	E2E3E
C1			CK73FB1H221K	CHIP C 220PF K	
C2 -4			CK73FB1C104K	CHIP C 0.10UF K	E4E5E6
C2 -4			CK73FB1C104K	CHIP C 0.10UF K	E7E8E9
C2 -6			CK73FB1C104K	CHIP C 0.10UF K	E1
C2 -6			CK73FB1C104K	CHIP C 0.10UF K	E2E3E
C6			CK73FB1C104K	CHIP C 0.10UF K	E4E5E6

E0: KRC-PS1077R E2: KRC-977R E4: KRC-877R E6: KRC-777R E8: KRC-877W

E1: KRC-PS1077RY E3: KRC-977RY E5: KRC-877RY E7: KRC-777RY E9: KRC-877WY

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PARTS LIST

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Ref.No.	A d d	N e w	Parts No.	Description	Desti- nation
Q8			2SC2412K	TRANSISTOR	
SYNTHESIZER UNIT(X14-6042-7X)					
C1 ,2			C92-0686-05	ELECTRO 1UF 50WV	
C3			C92-0092-05	CHIP C 47UF 6.3WV	
C5 ,6			C92-0686-05	ELECTRO 1UF 50WV	
C7 -10			CK73EB1C225K	CHIP C 2.2UF K	E0E1
C7 -10			CK73EB1C225K	CHIP C 2.2UF K	E2E3E4
C7 -10			CK73EB1C225K	CHIP C 2.2UF K	E5E8E9
C11 -18			CK73FB1C274K	CHIP C 0.27UF K	E0E1
C11 -18			CK73FB1C274K	CHIP C 0.27UF K	E2E3E4
C11 -18			CK73FB1C274K	CHIP C 0.27UF K	E5E8E9
C19 -22			CK73FB1C104K	CHIP C 0.10UF K	E0E1
C19 -22			CK73FB1C104K	CHIP C 0.10UF K	E2E3E4
C19 -22			CK73FB1C104K	CHIP C 0.10UF K	E5E8E9
C25 -30			C92-0671-05	ELECTRO 10UF 16WV	E0E1
C27 -30			C92-0671-05	ELECTRO 10UF 16WV	E2E3E4
C27 -30			C92-0671-05	ELECTRO 10UF 16WV	E5E6E7
C27 -30			C92-0671-05	ELECTRO 10UF 16WV	E8E9
C31 -34			CK73FB1C124K	CHIP C 0.12UF K	E6E7
C31 -34			CK73FB1C224K	CHIP C 0.22UF K	E0E1
C31 -34			CK73FB1C224K	CHIP C 0.22UF K	E2E3E4
C31 -34			CK73FB1C224K	CHIP C 0.22UF K	E5E8E9
C43 ,44			C90-2597-05	ELECTRO 10UF 16WV	E1
C43 ,44			C90-2597-05	ELECTRO 10UF 16WV	E2E3E
C47			C90-2597-05	ELECTRO 10UF 16WV	E1
C47			C90-2597-05	ELECTRO 10UF 16WV	E2E3E
C48			C90-2554-05	ELECTRO 10UF 16WV	E1
C48			C90-2554-05	ELECTRO 10UF 16WV	E2E3E
C51 ,52			C92-0671-05	ELECTRO 10UF 16WV	E0E1
C53 -56			CK73FB1H102K	CHIP C 1000PF K	E2E3E4
C53 -56			CK73FB1H102K	CHIP C 1000PF K	E5E6E7
C53 -56			CK73FB1H102K	CHIP C 1000PF K	E8E9
C53 -58			CK73FB1H102K	CHIP C 1000PF K	E0E1
C59 -61			CK73FB1E473KTA	CHIP C 0.047UF K	E0E1
C59 ,60			CK73FB1E473KTA	CHIP C 0.047UF K	E2E3E4
C59 ,60			CK73FB1E473KTA	CHIP C 0.047UF K	E5E6E7
C59 ,60			CK73FB1E473KTA	CHIP C 0.047UF K	E8E9
C71			CK73FB1H103K	CHIP C 0.010UF K	
C81			C90-2822-05	ELECTRO 3900UF 16WV	E1
C81			C90-2822-05	ELECTRO 3900UF 16WV	E2E3E
C81			C90-5243-05	ELECTRO 3300UF 16WV	E4E5E6
C81			C90-5243-05	ELECTRO 3300UF 16WV	E7E8E9
C82			C90-2926-05	ELECTRO 220UF 16WV	
C83			CK73FB1H103K	CHIP C 0.010UF K	
C84			C90-2594-05	ELECTRO 10UF 10WV	
C85			CE04CW0J101M	ELECTRO 100UF 6.3WV	
C86			CK73EB1C105K	CHIP C 1.0UF K	
C87			CE04CW1A221M	ELECTRO 220UF 10WV	
C89			CK73FB1H103K	CHIP C 0.010UF K	
C90			C90-2598-05	ELECTRO 3.3UF 25WV	
C91			CK73FB1E683KTA	CHIP C 0.068UF K	
C92			C90-2602-05	ELECTRO 0.10UF 50WV	
C93			CK73FB1H103K	CHIP C 0.010UF K	
C94			C92-0686-05	ELECTRO 1UF 50WV	

E0: KRC-PS1077R E2: KRC-977R E4: KRC-877R E6: KRC-777R E8: KRC-877W
E1: KRC-PS1077RY E3: KRC-977RY E5: KRC-877RY E7: KRC-777RY E9: KRC-877WY

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(X14-6042-7X)

Ref.No.	A d d	N e w	Parts No.	Description	Desti- nation
C159			CE04CW1A101M	ELECTRO 100UF 10WV	
C160			CK73FB1H103K	CHIP C 0.010UF K	
C161			C90-2594-05	ELECTRO 10UF 10WV	
C162			CK73FB1H471K	CHIP C 470PF K	
C164-167			CK73FB1H103K	CHIP C 0.010UF K	
C191			CK73FB1H103K	CHIP C 0.010UF K	
C201			CK73FB1H822K	CHIP C 8200PF K	
C202			CK73FB1H222K	CHIP C 2200PF K	
C203			CK73FB1H102K	CHIP C 1000PF K	
C204			CK73FB1H223KTA	CHIP C 0.022UF K	
C205			CK73FB1H471K	CHIP C 470PF K	
C206			CC73FCH1H820J	CHIP C 82PF J	
C207			CC73FCH1H180J	CHIP C 18PF J	
C208,209			CK73FB1H122K	CHIP C 1200PF K	
C210			CC73FCH1H060D	CHIP C 6.0PF D	
C211			CK73FB1H471K	CHIP C 470PF K	
C212			CC73FCH1H121J	CHIP C 120PF J	
C214			C90-2597-05	ELECTRO 10UF 16WV	
C221			CC73FCH1H100D	CHIP C 10PF D	
C222			C90-2592-05	ELECTRO 10UF 6.3WV	
C223			CC73FCH1H100D	CHIP C 10PF D	
C224			CC73FCH1H271J	CHIP C 270PF J	
C225			CK73FB1H103K	CHIP C 0.010UF K	
C226			C90-2592-05	ELECTRO 10UF 6.3WV	
C231-234			C90-2595-05	ELECTRO 4.7UF 16WV	E1
C231-234			C90-2595-05	ELECTRO 4.7UF 16WV	E2E3E
C235			CK73FB1H103K	CHIP C 0.010UF K	E1
C235			CK73FB1H103K	CHIP C 0.010UF K	E2E3E
C236			CE04CW0J220M	ELECTRO 22UF 6.3WV	E1
C236			CE04CW0J220M	ELECTRO 22UF 6.3WV	E2E3E
C237			CK73FB1H103K	CHIP C 0.010UF K	E1
C237			CK73FB1H103K	CHIP C 0.010UF K	E2E3E
C238			C90-2592-05	ELECTRO 10UF 6.3WV	E1
C238			C90-2592-05	ELECTRO 10UF 6.3WV	E2E3E
C239			C90-2595-05	ELECTRO 4.7UF 16WV	E1
C239			C90-2595-05	ELECTRO 4.7UF 16WV	E2E3E
C251			CK73FB1H103K	CHIP C 0.010UF K	
C252			CE04CW0J101M	ELECTRO 100UF 6.3WV	
C253,254			CC73FCH1H220J	CHIP C 22PF J	
C256			CK73EB1C105K	CHIP C 1.0UF K	
C257			CK73FB1H102K	CHIP C 1000PF K	
CN1			E40-9557-05	FLAT CABLE CONNECTOR	
CN2			E40-5029-05	FLAT CABLE CONNECTOR	
CN3		*	E40-9666-05	PIN ASSY	
CN4		*	E40-9665-05	PIN ASSY	
CN6			E40-3239-05	PIN ASSY	E0E1
CN7			E40-3248-05	PIN ASSY	E4E5
CN8			E40-9087-05	PIN ASSY	
CN9			E40-9106-05	SOCKET FOR PIN ASSY	
J1			E58-0836-05	RECTANGULAR RECEPTACLE	
J2			E63-0853-05	PHONO JACK	E2E3E4
J2			E63-0853-05	PHONO JACK	E5E6E7
J2			E63-0853-05	PHONO JACK	E8E9
J2		*	E63-0854-05	PHONO JACK	E0E1

E0: KRC-PS1077R E2: KRC-977R E4: KRC-877R E6: KRC-777R E8: KRC-877W
E1: KRC-PS1077RY E3: KRC-977RY E5: KRC-877RY E7: KRC-777RY E9: KRC-877WY

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(X14-6042-7X)

Ref.No.	A d d	N e w	Parts No.	Description	Desti- nation
R72			RK73EB2B222J	CHIP R 2.2K J 1/8W	
R73 -76			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R77 ,78			RK73EB2B101J	CHIP R 100 J 1/8W	
R79 -83			RK73FB2A104J	CHIP R 100K J 1/10W	
R87 ,88			R92-3052-05	METAL GLAZE RESISTOR	
R89			R92-3032-05	CHIP R 4.3K D 1/10W	
R90			RK73FB2A153J	CHIP R 15K J 1/10W	
R92			RK73EB2B221J	CHIP R 220 J 1/8W	
R93			RK73FB2A223J	CHIP R 22K J 1/10W	
R94			RK73FB2A101J	CHIP R 100 J 1/10W	
R95			RK73FB2A103J	CHIP R 10K J 1/10W	
R96			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R97			RK73FB2A133J	CHIP R 13K J 1/10W	
R98			RK73FB2A123J	CHIP R 12K J 1/10W	
R99			RK73FB2A822J	CHIP R 8.2K J 1/10W	
R100			RD14DB2H332J	SMALL-RD 3.3K J 1/2W	
R101,102			RK73EB2B104J	CHIP R 100K J 1/8W	
R103			RK73FB2A223J	CHIP R 22K J 1/10W	
R107			RK73EB2B472J	CHIP R 4.7K J 1/8W	
R108			R92-0365-05	CHIP R 1.0K J 1/2W	
R109			RK73FB2A223J	CHIP R 22K J 1/10W	
R110			R92-0365-05	CHIP R 1.0K J 1/2W	
R111			RK73EB2B103J	CHIP R 10K J 1/8W	
R112			RK73FB2A104J	CHIP R 100K J 1/10W	
R113			RK73EB2B752J	CHIP R 7.5K J 1/8W	
R114			RK73FB2A561J	CHIP R 560 J 1/10W	
R115			RK73FB2A122J	CHIP R 1.2K J 1/10W	
R116			RK73FB2A104J	CHIP R 100K J 1/10W	
R117			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R118			R92-0365-05	CHIP R 1.0K J 1/2W	
R119			RK73FB2A103J	CHIP R 10K J 1/10W	
R120			RK73FB2A122J	CHIP R 1.2K J 1/10W	
R121,122			R92-2104-05	CHIP R 2.2 J 1W	
R123			RK73FB2A473J	CHIP R 47K J 1/10W	
R124			RK73FB2A751J	CHIP R 750 J 1/10W	
R131			RK73FB2A223J	CHIP R 22K J 1/10W	
R132			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R133			RK73FB2A681J	CHIP R 680 J 1/10W	
R134			RK73FB2A391J	CHIP R 390 J 1/10W	
R135			RK73FB2A101J	CHIP R 100 J 1/10W	
R136			RK73FB2A273J	CHIP R 27K J 1/10W	
R141			RK73FB2A102J	CHIP R 1.0K J 1/10W	E1
R141			RK73FB2A102J	CHIP R 1.0K J 1/10W	E2E3E
R142			RK73FB2A750J	CHIP R 75 J 1/10W	E1
R142			RK73FB2A750J	CHIP R 75 J 1/10W	E2E3E
R143			RK73FB2A4R7J	CHIP R 4.7 J 1/10W	E1
R143			RK73FB2A4R7J	CHIP R 4.7 J 1/10W	E2E3E
R144			RK73FB2A104J	CHIP R 100K J 1/10W	E1
R144			RK73FB2A104J	CHIP R 100K J 1/10W	E2E3E
R145			RK73FB2A272J	CHIP R 2.7K J 1/10W	E1
R145			RK73FB2A272J	CHIP R 2.7K J 1/10W	E2E3E
R146			RK73FB2A470J	CHIP R 47 J 1/10W	E1
R146			RK73FB2A470J	CHIP R 47 J 1/10W	E2E3E
R147			RK73FB2A752J	CHIP R 7.5K J 1/10W	E1
R147			RK73FB2A752J	CHIP R 7.5K J 1/10W	E2E3E

E0: KRC-PS1077R E2: KRC-977R E4: KRC-877R E6: KRC-777R E8: KRC-877W
E1: KRC-PS1077RY E3: KRC-977RY E5: KRC-877RY E7: KRC-777RY E9: KRC-877WY

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(X14-6042-7X)

Ref.No.	A d d	N e w	Parts No.	Description	Desti- nation
R239			RK73FB2A473J	CHIP R 47K J 1/10W	E1
R239			RK73FB2A473J	CHIP R 47K J 1/10W	E2E3E
R240			RK73FB2A103J	CHIP R 10K J 1/10W	E1
R240			RK73FB2A103J	CHIP R 10K J 1/10W	E2E3E
R241			RK73FB2A153J	CHIP R 15K J 1/10W	E1
R241			RK73FB2A153J	CHIP R 15K J 1/10W	E2E3E
R242,243			RK73FB2A274J	CHIP R 270K J 1/10W	E1
R242,243			RK73FB2A274J	CHIP R 270K J 1/10W	E2E3E
R251			RK73FB2A473J	CHIP R 47K J 1/10W	E2E3E6 E7
R251			RK73FB2A473J	CHIP R 47K J 1/10W	E7
R252			RK73FB2A473J	CHIP R 47K J 1/10W	E4E5E8
R252			RK73FB2A473J	CHIP R 47K J 1/10W	E9
R252,253			RK73FB2A473J	CHIP R 47K J 1/10W	E0E1
R254			RK73FB2A473J	CHIP R 47K J 1/10W	E2E3
R254,255			RK73FB2A473J	CHIP R 47K J 1/10W	E4E5E6
R254,255			RK73FB2A473J	CHIP R 47K J 1/10W	E7E8E9
R256			RK73FB2A473J	CHIP R 47K J 1/10W	E1
R256			RK73FB2A473J	CHIP R 47K J 1/10W	E2E3E
R257,258			RK73GB1J473J	CHIP R 47K J 1/16W	
R260,261			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R264			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R265			RK73FB2A225J	CHIP R 2.2M J 1/10W	
R266-268			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R269,270			RK73FB2A562J	CHIP R 5.6K J 1/10W	
R271			RK73GB1J104J	CHIP R 100K J 1/16W	
R273,274			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R275			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R277			RK73FB2A684J	CHIP R 680K J 1/10W	
R278			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R279			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R281			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R286			RK73FB2A473J	CHIP R 47K J 1/10W	
R287			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R288			RK73FB2A223J	CHIP R 22K J 1/10W	
R289			RK73FB2A104J	CHIP R 100K J 1/10W	
R290			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R291			RK73FB2A124J	CHIP R 120K J 1/10W	
R292			RK73GB1J472J	CHIP R 4.7K J 1/16W	
R293			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R294			RK73FB2A273J	CHIP R 27K J 1/10W	
R295,296			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R297			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R299-301			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R303			RK73FB2A154J	CHIP R 150K J 1/10W	
R305			RK73GB1J222J	CHIP R 2.2K J 1/16W	
R306			RK73FB2A332J	CHIP R 3.3K J 1/10W	
R307			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R313			RK73GB1J472J	CHIP R 4.7K J 1/16W	
R314,315			RK73FB2A433J	CHIP R 43K J 1/10W	
R319			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R321			RK73FB2A471J	CHIP R 470 J 1/10W	
R322			RK73FB2A104J	CHIP R 100K J 1/10W	
R323			RK73FB2A332J	CHIP R 3.3K J 1/10W	
R324			RK73GB1J472J	CHIP R 4.7K J 1/16W	
R327,328			RK73FB2A102J	CHIP R 1.0K J 1/10W	

E0: KRC-PS1077R E2: KRC-977R E4: KRC-877R E6: KRC-777R E8: KRC-877W
E1: KRC-PS1077RY E3: KRC-977RY E5: KRC-877RY E7: KRC-777RY E9: KRC-877WY

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KRC-777R/R/877R/R/W/WY/977R/R/PS1077R/R

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(X14-6042-7X)

Ref.No.	A d d	N e w	Parts No.	Description	Desti- nation	Ref.No.	A d d	N e w	Parts No.	Description	Desti- nation
IC1		*	UPD784215GC075	MI-COM IC	E2E3E	Q55			2SC2412K	TRANSISTOR	E1
IC1		*	UPD784215GC076	MI-COM IC	E4E5E6	Q55			2SC2412K	TRANSISTOR	E2E3E
IC1		*	UPD784215GC076	MI-COM IC	E7E8E9	Q56			2SB1443	TRANSISTOR	E1
IC2			TDA7400	ANALOGUE IC		Q56			2SB1443	TRANSISTOR	E2E3E
IC3			M5237ML	IC(VOLTAGE REGULATOR)		Q57			2SC2412K	TRANSISTOR	E1
IC4			TDA7386	ANALOGUE IC		Q57			2SC2412K	TRANSISTOR	E2E3E
IC5			TDA7401	ANALOGUE IC	E0E1	Q58 ,59			2SA1037K	TRANSISTOR	E1
IC5			TDA7401	ANALOGUE IC	E2E3E4	Q58 ,59			2SA1037K	TRANSISTOR	E2E3E
IC5			TDA7401	ANALOGUE IC	E5E8E9	Q60 ,61			2SC2412K	TRANSISTOR	E1
IC6			ICL7660SIBA	ANALOGUE IC	E2E3	Q60 ,61			2SC2412K	TRANSISTOR	E2E3E
IC6			TC7662BEOA	ANALOGUE IC	E0E1	Q62			2SA1037K	TRANSISTOR	E1
IC7 -9			NJM4565M-TE2	ANALOGUE IC	E0E1	Q62			2SA1037K	TRANSISTOR	E2E3E
IC7 ,8			NJM4565M-TE2	ANALOGUE IC	E2E3	Q71			DTA124EK	DIGITAL TRANSISTOR	
IC10			TC74HC02AF	IC		Q72			DTC124EK	DIGITAL TRANSISTOR	
IC11			TDA7479D	ANALOGUE IC		Q82			2SC2412K	TRANSISTOR	
IC12			NJM4565M-TE2	ANALOGUE IC		Q86 ,87			DTC124EK	DIGITAL TRANSISTOR	
IC13			BA6238A	ANALOGUE IC		Q88 ,89			2SB1188(Q,R)	TRANSISTOR	
IC14			BR24C01AF	MEMORY IC		Q91			2SC4081	TRANSISTOR	
IC14			M24C01-WMN6T	MEMORY IC		Q92			DTA124EUA	DIGITAL TRANSISTOR	
IC15			PST9130NR	ANALOGUE IC		Q93			DTC114TK	DIGITAL TRANSISTOR	
IC16			NJM4565M-TE2	ANALOGUE IC	E1	Q94			2SC2412K	TRANSISTOR	E1
IC16			NJM4565M-TE2	ANALOGUE IC	E2E3E	Q94			2SC2412K	TRANSISTOR	E2E3E
IC17			BA3830F	ANALOGUE IC	E1	TH1			PT722A80C	POSITIVE RESISTOR	
IC17			BA3830F	ANALOGUE IC	E2E3E						
IC18			TC4052BF	IC(4CH MPX/DE-MPX)	E1	A1	3B		X86-3082-70	TUNER UNIT	
IC18			TC4052BF	IC(4CH MPX/DE-MPX)	E2E3E						
Q1 -4			2SD2114K	TRANSISTOR	E2E3E4						
Q1 -4			2SD2114K	TRANSISTOR	E5E6E7						
Q1 -4			2SD2114K	TRANSISTOR	E8E9						
Q1 -6			2SD2114K	TRANSISTOR	E0E1						
Q11			DTA124EK	DIGITAL TRANSISTOR							
Q18			DTC144EK	DIGITAL TRANSISTOR							
Q19			DTA124EK	DIGITAL TRANSISTOR							
Q20			2SB1565F(E,F)	TRANSISTOR							
Q21			2SC2412K	TRANSISTOR							
Q22			2SB1565F(E,F)	TRANSISTOR							
Q23			2SA1037K	TRANSISTOR							
Q24 ,25			2SC2412K	TRANSISTOR							
Q28			2SB1277(Q,R)	TRANSISTOR							
Q29			2SA1037K	TRANSISTOR							
Q30			DTA124EK	DIGITAL TRANSISTOR							
Q31			DTC114EK	DIGITAL TRANSISTOR							
Q32			DTC144EK	DIGITAL TRANSISTOR							
Q33			2SD1760	TRANSISTOR							
Q35			DTC144EK	DIGITAL TRANSISTOR							
Q36			DTA124EK	DIGITAL TRANSISTOR							
Q37			2SC2412K	TRANSISTOR							
Q38			2SB1443	TRANSISTOR							
Q39			DTA123JK	DIGITAL TRANSISTOR							
Q40			DTC124EUA	DIGITAL TRANSISTOR							
Q41			DTC114YUA	DIGITAL TRANSISTOR							
Q42			2SB1443	TRANSISTOR							
Q43			DTC114YK	DIGITAL TRANSISTOR							
Q44			DTA124EUA	DIGITAL TRANSISTOR							
Q51			DTC124EK	DIGITAL TRANSISTOR							

E0: KRC-PS1077R **E2:** KRC-977R **E4:** KRC-877R **E6:** KRC-777R **E8:** KRC-877W
E1: KRC-PS1077RY **E3:** KRC-977RY **E5:** KRC-877RY **E7:** KRC-777RY **E9:** KRC-877WY

⚠ indicates safety critical components.

KRC-777R/R/877R/R/W/WY/977R/R/PS1077R/R

SPECIFICATIONS

		KRC-PS1077R	KRC-977R	KRC-877W	KRC-877R	KRC-777R
		KRC-PS1077RY	KRC-977RY	KRC-877WY	KRC-877RY	KRC-777RY
Tuner type		CR2-K2I	CR2-K2I	CR2-K2I	CR2-K2I	CR2-K2I
FM	Frequency Range (MHz) (Frequency step)	87.5MHz~108.0MHz (50kHz)	87.5MHz~108.0MHz (50kHz)	87.5MHz~108.0MHz (50kHz)	87.5MHz~108.0MHz (50kHz)	87.5MHz~108.0MHz (50kHz)
	Usable Sensitivity (S/N 26dB)	0.7μV/75Ω	0.7μV/75Ω	0.7μV/75Ω	0.7μV/75Ω	0.7μV/75Ω
	Quieting Sensitivity (S/N 46dB)	1.6μV/75Ω	1.6μV/75Ω	1.6μV/75Ω	1.6μV/75Ω	1.6μV/75Ω
	Frequency Response (±3.0dB)	30Hz~15kHz	30Hz~15kHz	30Hz~15kHz	30Hz~15kHz	30Hz~15kHz
	S/N(dB)	65dB(MONO)	65dB(MONO)	65dB(MONO)	65dB(MONO)	65dB(MONO)
	Selectivity(DIN)(dB)	≥ 80dB(±400kHz)	≥ 80dB(±400kHz)	≥ 80dB(±400kHz)	≥ 80dB(±400kHz)	≥ 80dB(±400kHz)
	Stereo Separation	35dB(1kHz)	35dB(1kHz)	35dB(1kHz)	35dB(1kHz)	35dB(1kHz)
MW	Frequency Range(kHz) (Frequency step)	531kHz~1611KHZ (9kHz)	531kHz~1611KHZ (9kHz)	531kHz~1611KHZ (9kHz)	531kHz~1611KHZ (9kHz)	531kHz~1611KHZ (9kHz)
	Usable Sensitivity (S/N 20dB)	25μV	25μV	25μV	25μV	25μV
LW	Frequency Range(kHz) (Frequency step)	153kHz~281kHz	153kHz~281kHz	153kHz~281kHz	153kHz~281kHz	153kHz~281kHz
	Usable Sensitivity (S/N 20dB)	45μV	45μV	45μV	45μV	45μV
CASSETTE	Tape Speed	4.76cm/sec.	4.76cm/sec.	4.76cm/sec.	4.76cm/sec.	4.76cm/sec.
	Wow/Flutter (wrms) (%)	0.08%(WRMS)	0.08%(WRMS)	0.08%(WRMS)	0.08%(WRMS)	0.08%(WRMS)
	FREQ. Response (Hz) (±3.0dB)	30~20kHz(70μs)	30~20kHz(70μs)	30~20kHz(70μs)	30~20kHz(70μs)	30~20kHz(70μs)
	Separation(dB)	43dB(1kHz)	43dB(1kHz)	43dB(1kHz)	43dB(1kHz)	43dB(1kHz)
	S/N(dB) Dolby NR OFF Dolby BNR on Dolby CNR on	57dB 65dB 73dB	57dB 65dB	57dB 65dB	57dB 65dB	57dB 65dB
Preout Level(mV)/Load		4V/10kΩ(with CD-CH)	4V/10kΩ(with CD-CH)	1800mV/10kΩ	1800mV/10kΩ	1800mV/10kΩ
Preout Impedance(Ω)		80Ω	80Ω	≤600Ω	≤600Ω	≤600Ω
AMP	PWR(MAX)	44Wx4	44Wx4	44Wx4	44Wx4	44Wx4
	PWR DIN45324, +B=14.4V	28Wx4	28Wx4	28Wx4	28Wx4	28Wx4
TONE	Bass	100Hz±10dB	100Hz±10dB	100Hz±10dB	100Hz±10dB	100Hz±10dB
	Treble	10kHz±10dB	10kHz±10dB	10kHz±10dB	10kHz±10dB	10kHz±10dB
GENERAL	Operating voltage (11~16V allowable)	14.4V	14.4V	14.4V	14.4V	14.4V
	Current Consumption	10A	10A	10A	10A	10A
	Installation Size (W)	182(mm)	182(mm)	182(mm)	182(mm)	182(mm)
	(H)	53(mm)	53(mm)	53(mm)	53(mm)	53(mm)
	(D)	161(mm)	161(mm)	161(mm)	161(mm)	161(mm)
Weight		1700g	1700g	1700g	1700g	1700g

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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